

Fig. 1
 (PRIOR ART)

Fig. 2

Fig. 2 is a perspective view of a medical device 200, which is a medical imaging system. The system includes a main unit 210 with a control panel 223 and a display 224. A patient bed 230 is positioned within the main unit. A detector assembly 240 is mounted on a gantry 250, which is supported by a base 211. The detector assembly includes a detector 242 and a collimator 244. The gantry is also equipped with a fan beam source 246 and a fan beam detector 248. The system is designed for medical imaging, such as CT or PET scans.

223

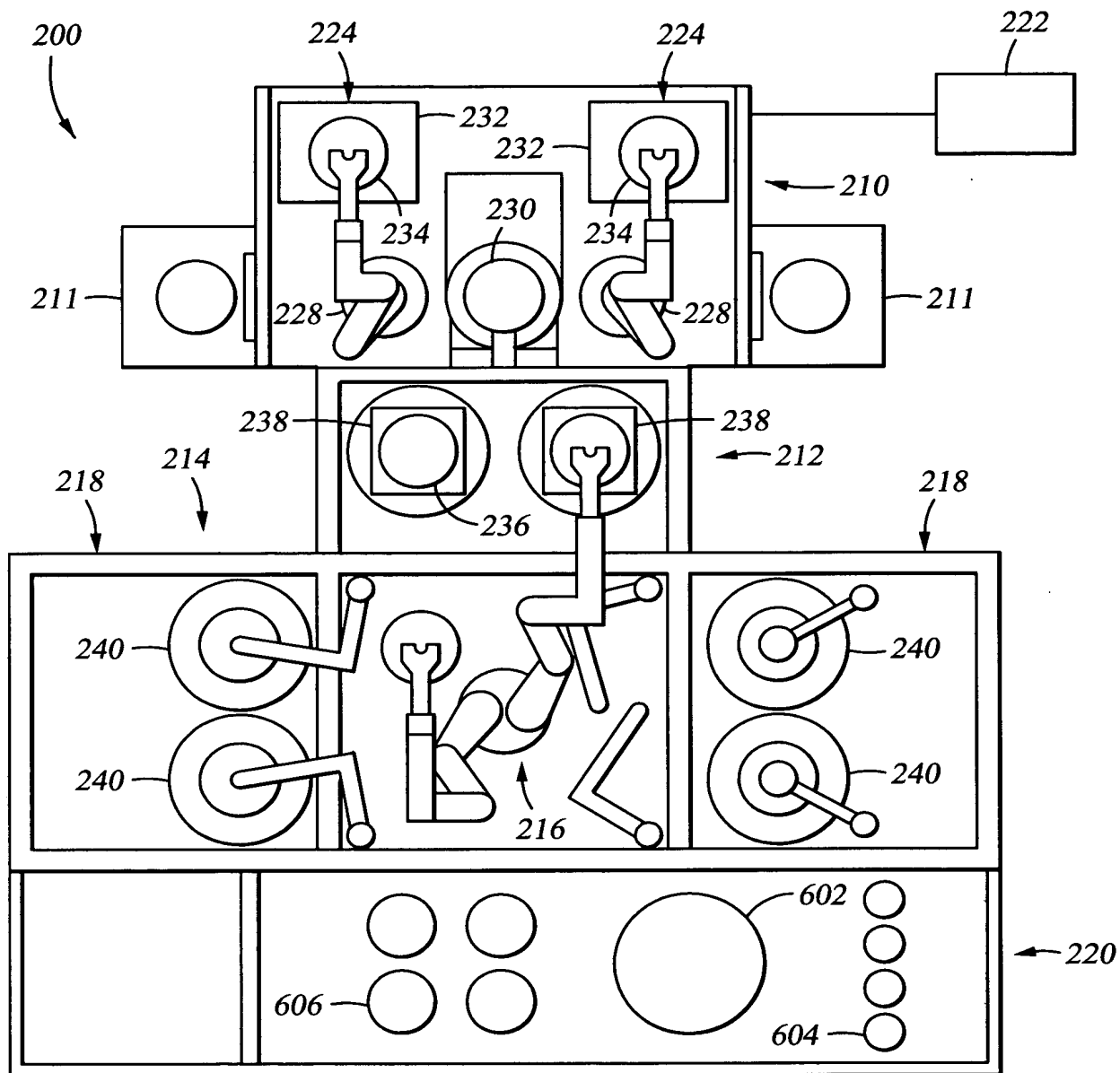


Fig. 3

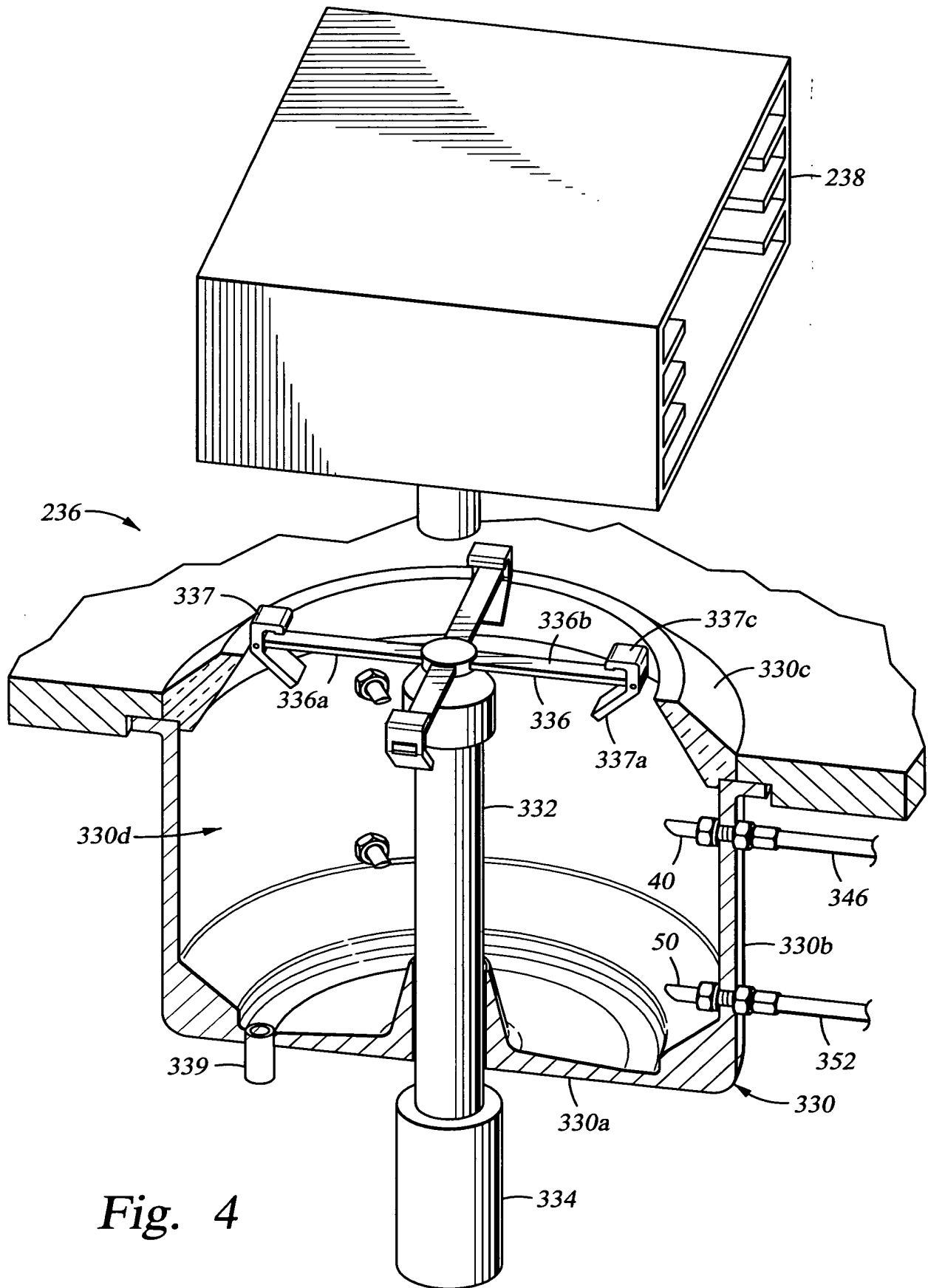


Fig. 5

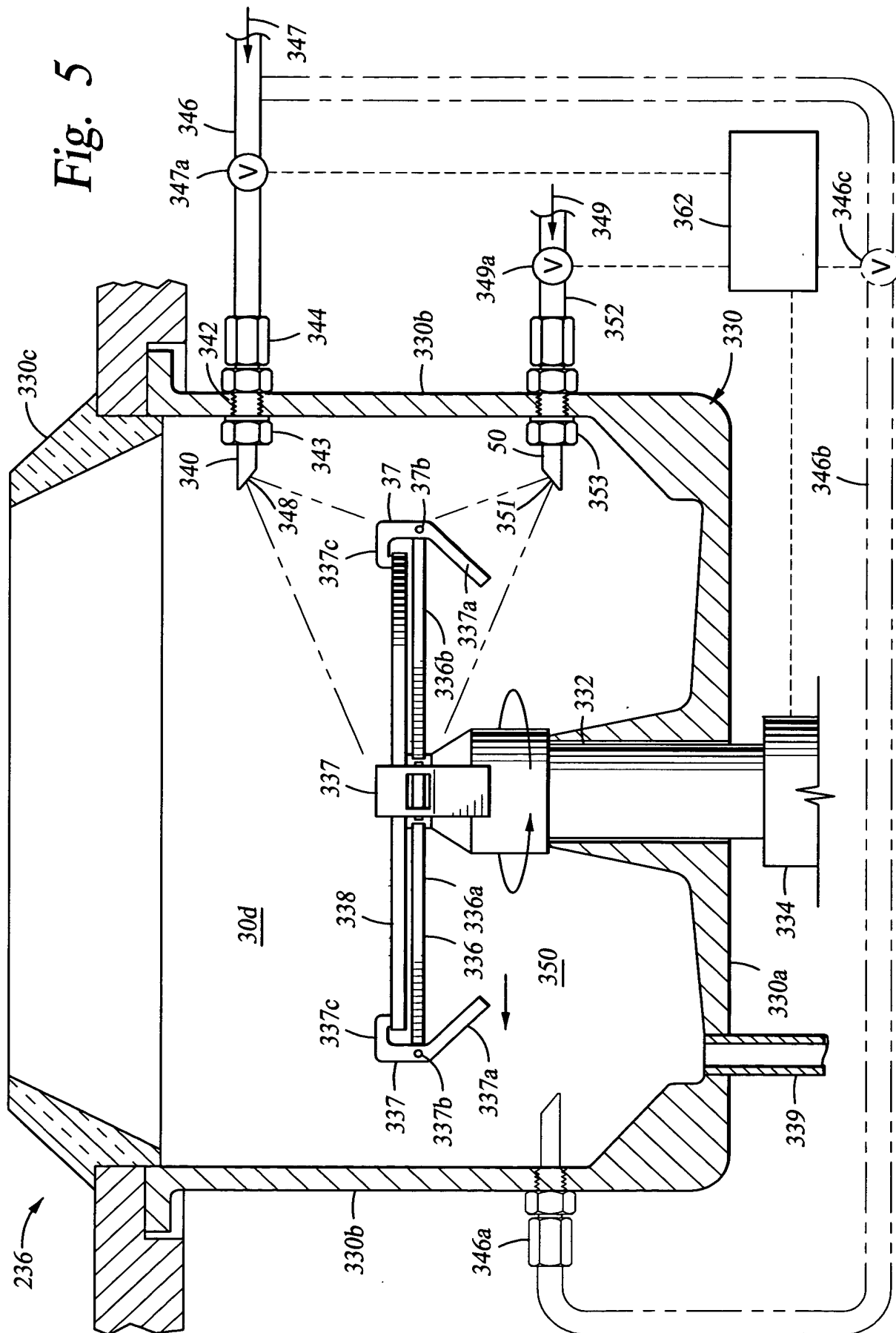
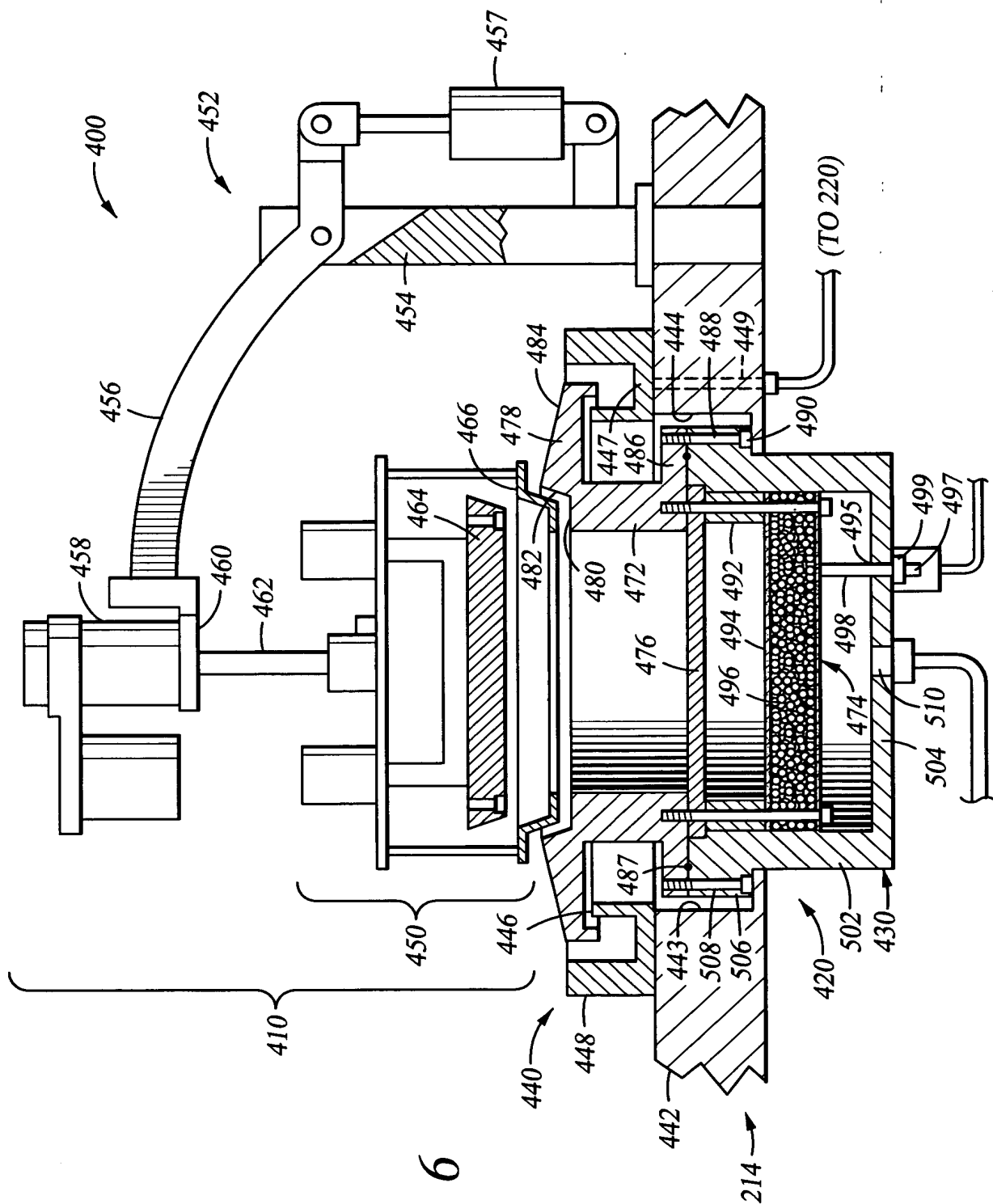


Fig. 6



7/14

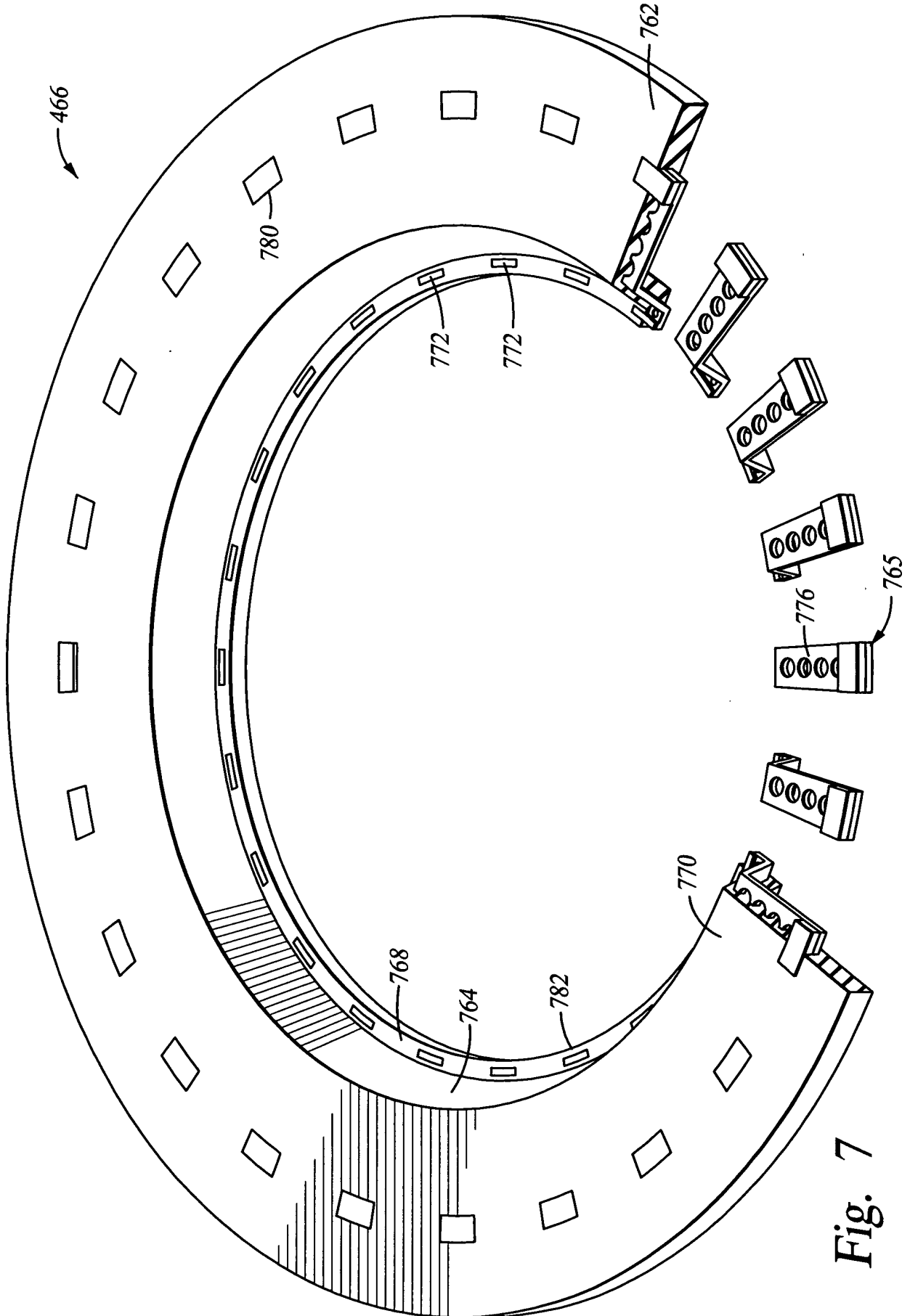


Fig. 7

8/14

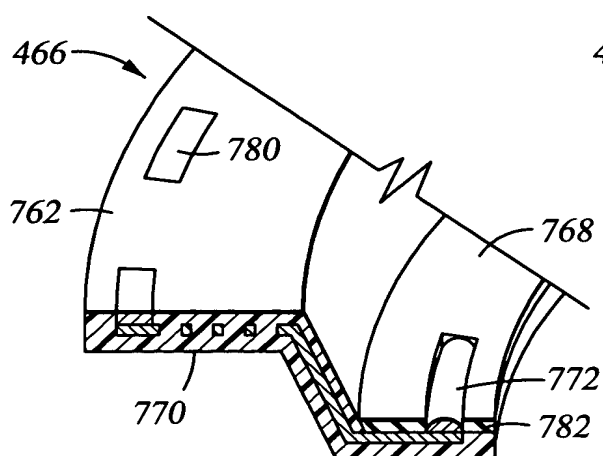


Fig. 8

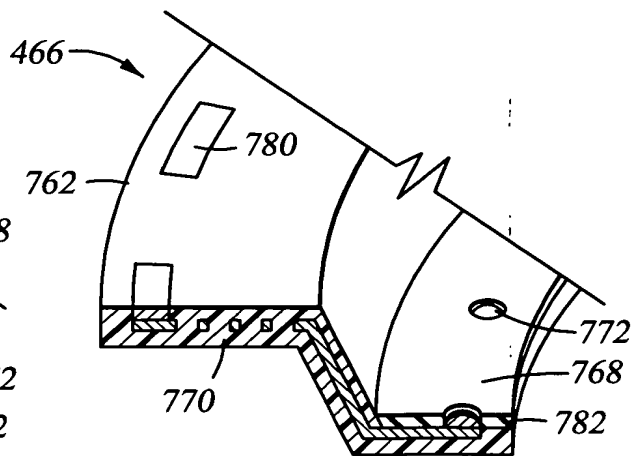


Fig. 9

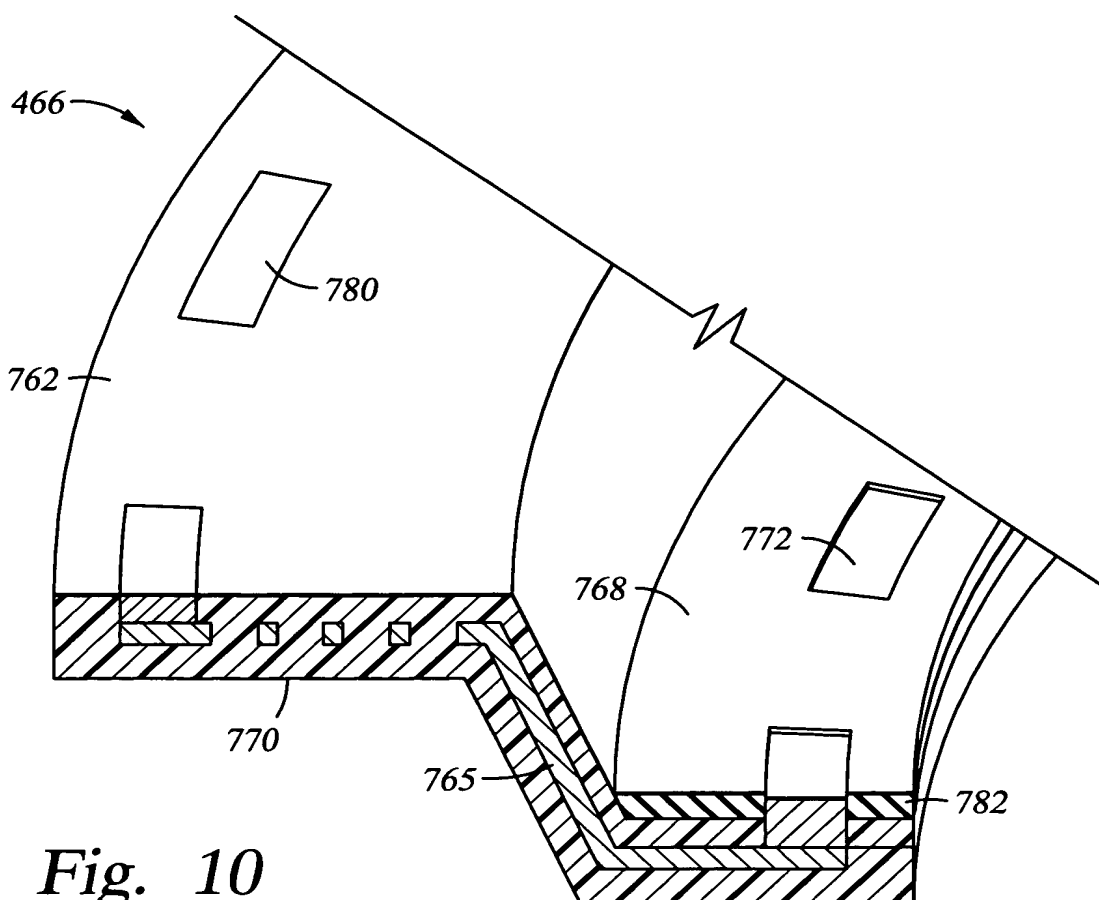


Fig. 10

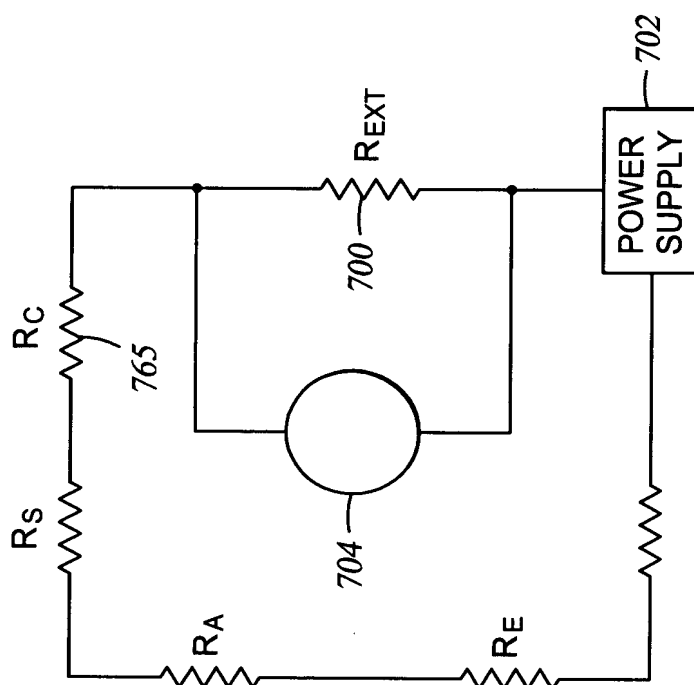


Fig. 11

10/14

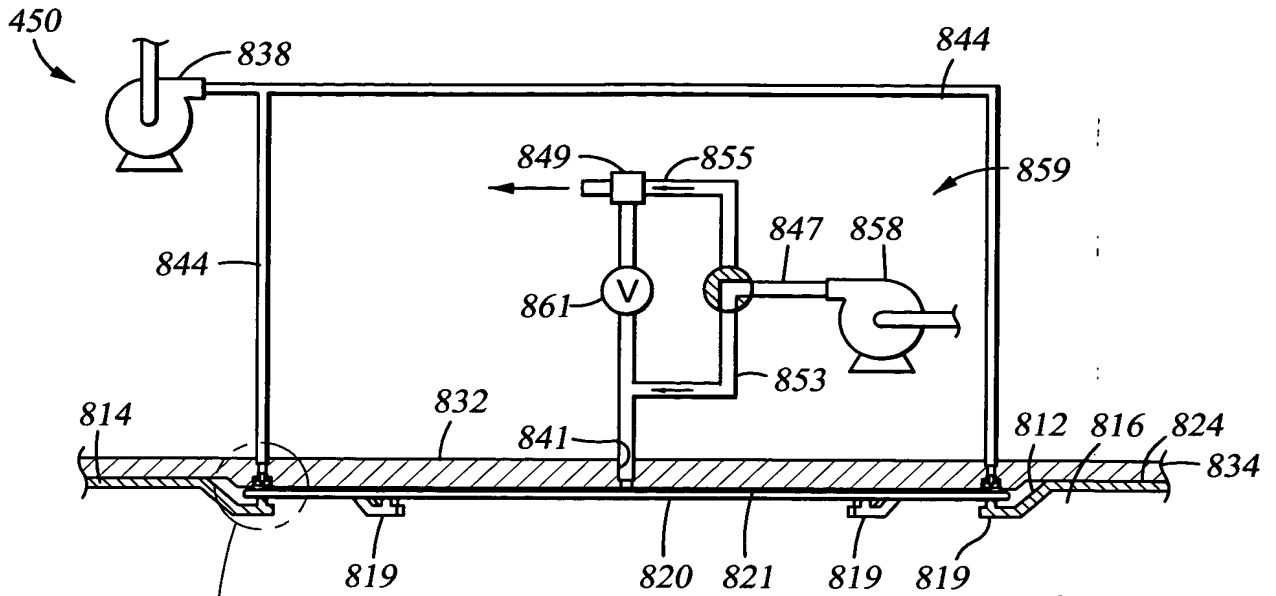


Fig. 12

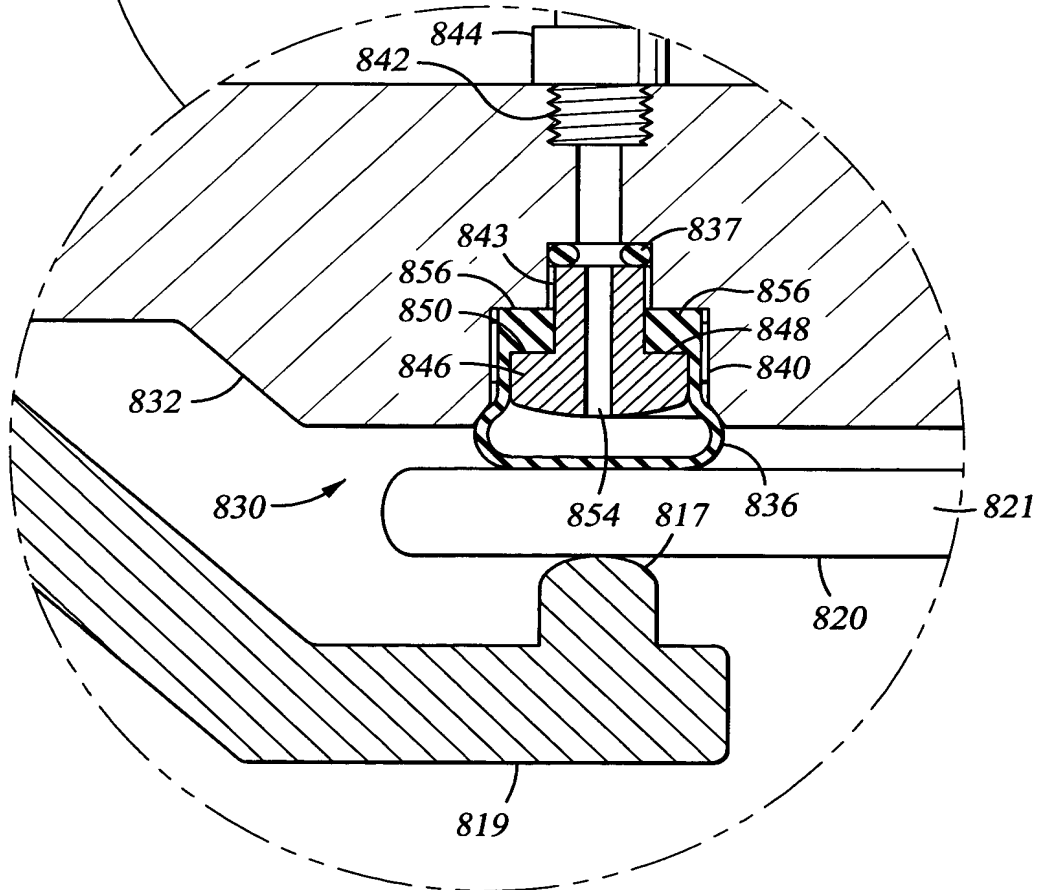
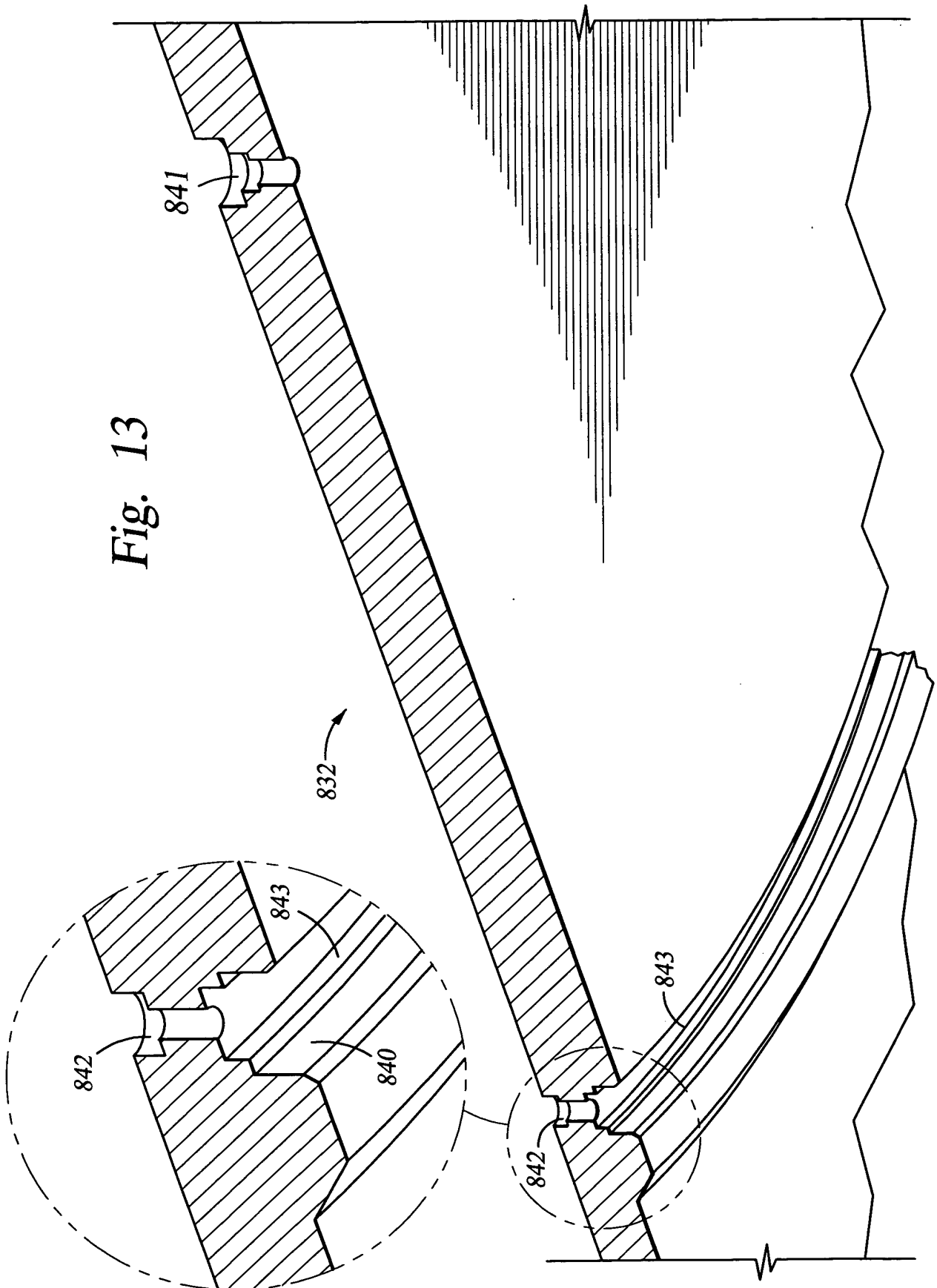


Fig. 12A

11/14

Fig. 13



12/14

Fig. 14

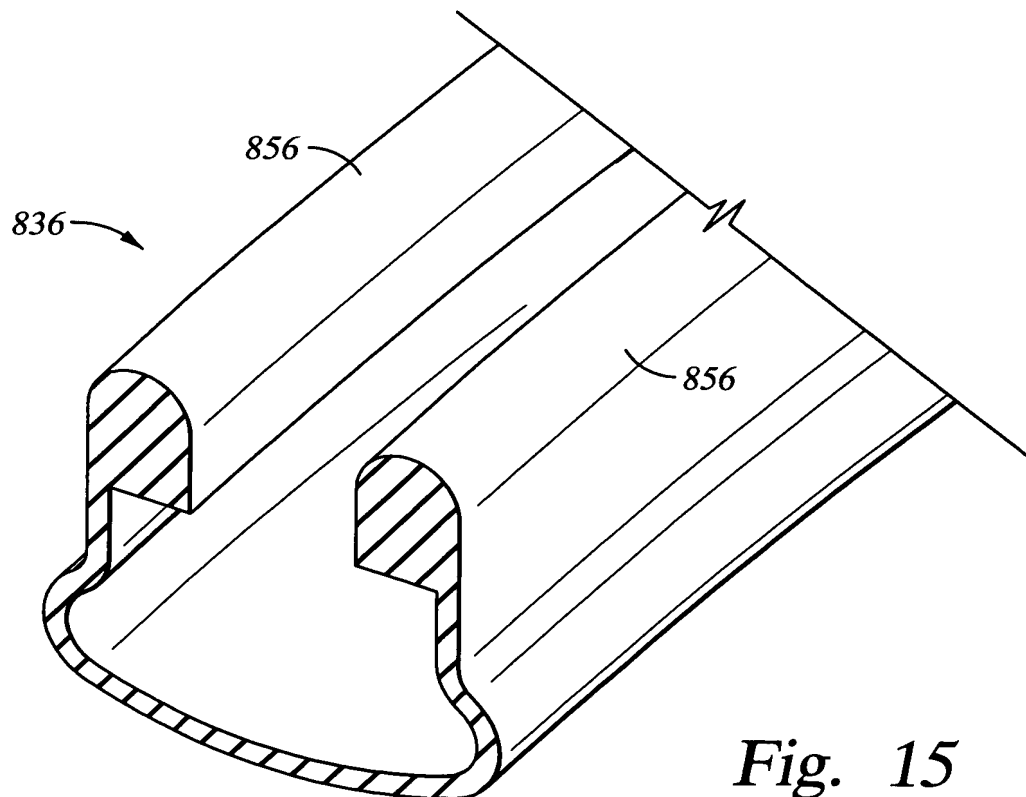
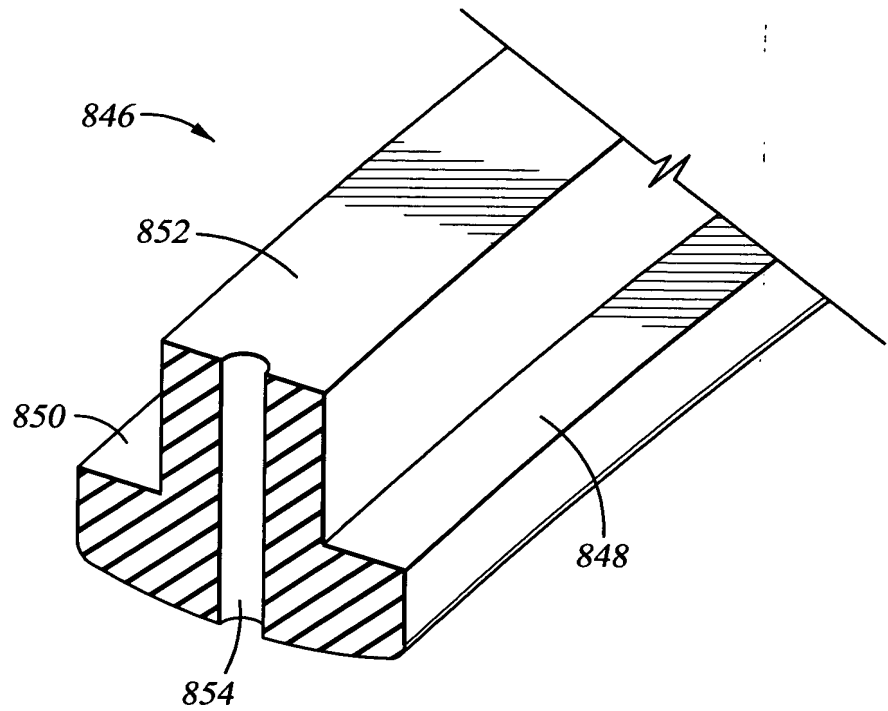
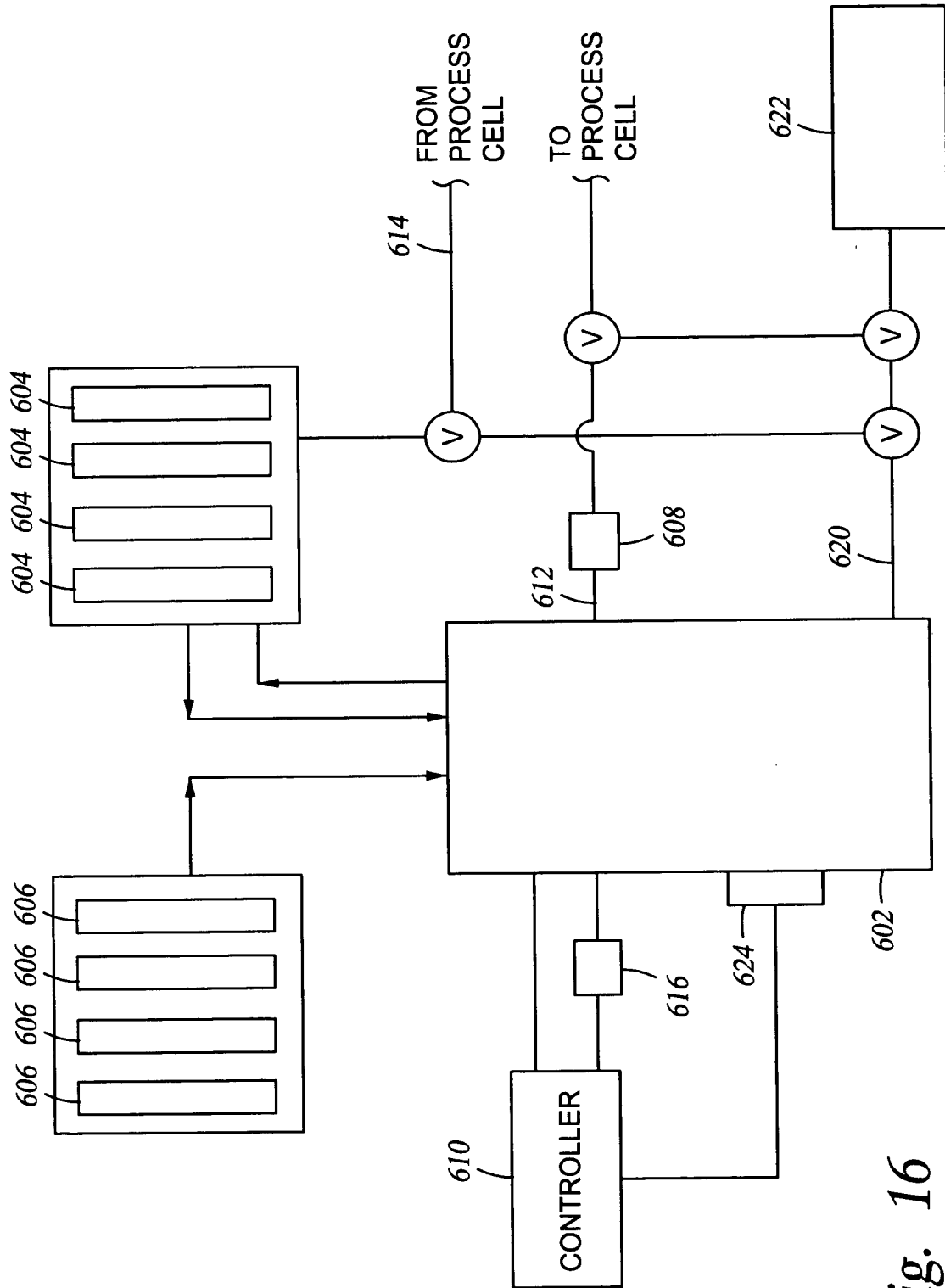


Fig. 15



14 / 14

